

project-tech

Docs, Git & Building

lab 2/8

Stand-up!

*Show what
you did*

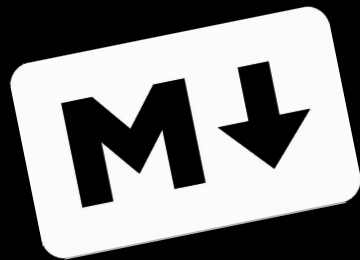
today

~~I. Stand up~~

II. Docs & markdown

III. Git & CLI

IV. Building



Docs

markdown

description

Markdown is a lightweight **markup language** for creating formatted text using a plain-text editor. [...] Markdown is widely used in blogging, collaborative software and documentation pages.

wikipedia.org



~/example.md

Level 1 heading

Level 2 heading

Level 3 heading

Level 5 heading

Level 6 heading

A normal paragraph

- ★ An
- ★ Unordered
- ★ List

1. An
2. Ordered
3. List



~/example.html

```
<h1>Level 1 heading</h1>
```

```
<h2>Level 2 heading</h2>
```

```
<h3>Level 3 heading</h3>
```

```
<h4>Level 5 heading</h4>
```

```
<h5>Level 6 heading</h5>
```

```
<p>A normal paragraph</p>
```

```
<ul>
```

```
  <li>An</li>
```

```
  <li>Unordered</li>
```

```
  <li>List</li>
```

```
</ul>
```

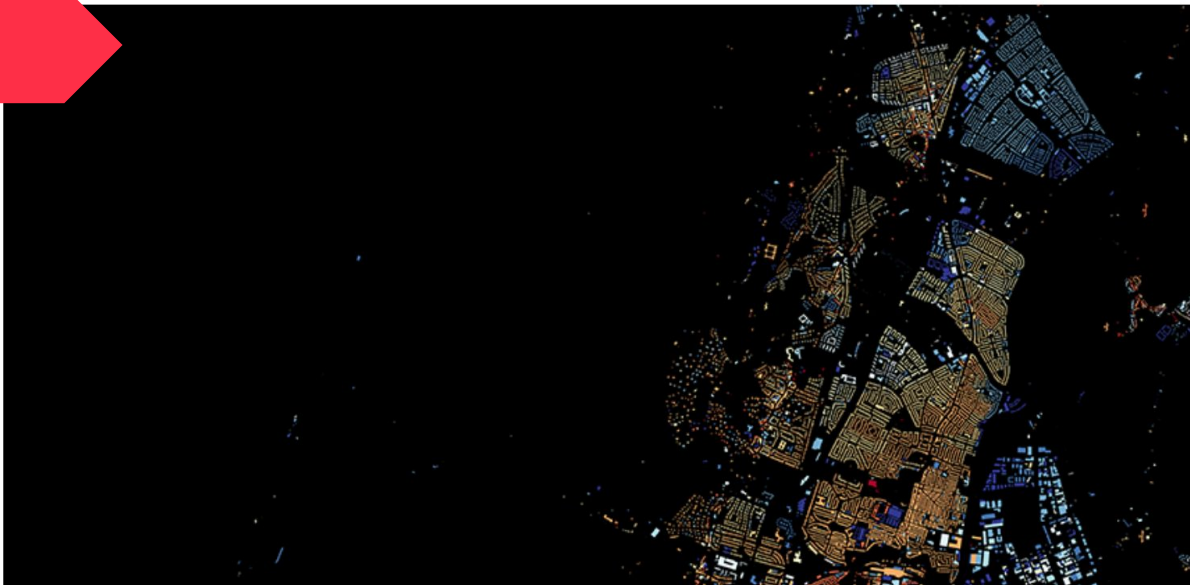


Buildings by year of construction

View map on <http://code.waag.org/buildings>.

Map showing all 9,866,539 [buildings](#) in the Netherlands, shaded according to year of construction. Data from [BAG](#), via [CitySDK](#). Map made with [TileMill](#) by [Bert Spaan](#), [Waag Society](#), inspired by [BKLYNR](#).

readme.md



GitHub, Inc. github.com/nodejs/node/pull/15428

This repository Search Pull requests Issues Marketplace Explore

nodejs / node Watch 2,406 Unstar 39,275 Fork 7,939

Code Issues 584 Pull requests 202

src: prepare platform for upstream V8 changes #15428

Open addaleax wants to merge 1 commit into nodejs:master from addaleax:fix-node-platform

Conversation 7 Commits 1 Files changed 3 +32 -8

addaleax commented 19 hours ago Owner

V8 platform tasks may schedule other tasks (both background and foreground), and may perform asynchronous operations like resolving Promises.

To address that:

- Run the task queue drain call inside a callback scope. This makes sure asynchronous operations inside it, like resolving promises, lead to the microtask queue and any subsequent operations not being silently forgotten.
- Move the task queue drain call before `EmitBeforeExit()` and only run `EmitBeforeExit()` if there is no new event loop work.
- Account for possible new foreground tasks scheduled by background tasks in `DrainBackgroundTasks()`.

Checklist

- ☒ `make -j4 test` (UNIX), or `vcbuild test` (Windows) passes
- ☐ tests and/or benchmarks are included (no, because right now everything still works without this – in the future, some things like WASM would fail otherwise)

Reviewers

- jasnell
- matthewloring
- fhinkel

Assignees

No one assigned

Labels

- C++
- V8 Engine

Projects

None yet

Milestone

Issues, pull request, releases

Assignment ($\pm 20m$)

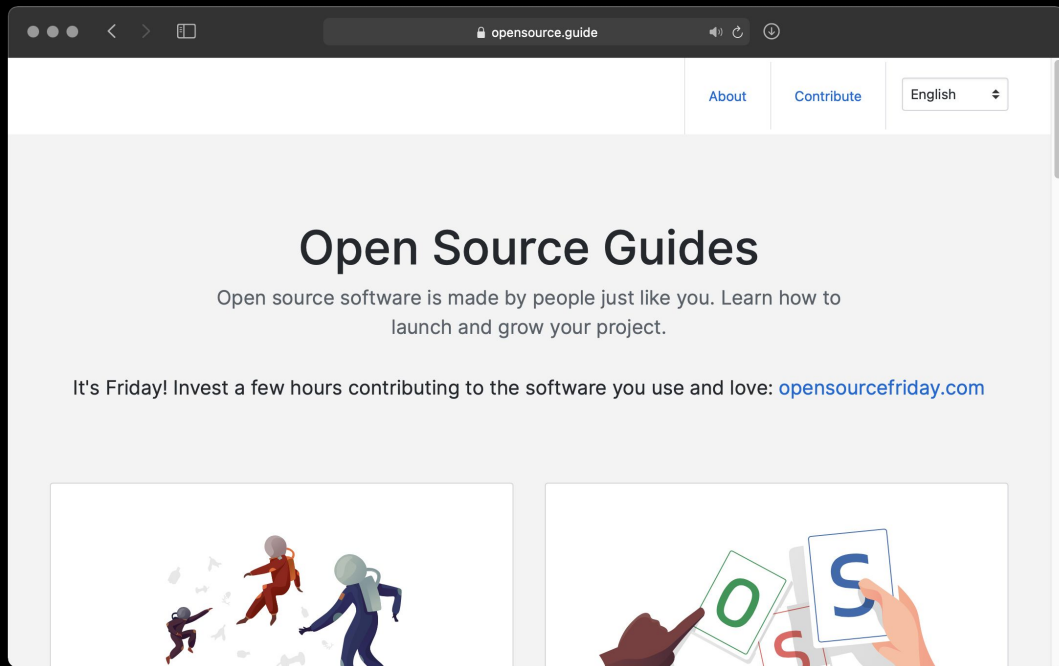


Search for popular repository on GitHub and look at their readme's.

- What do they all have in common?
- How are they structured?

docs

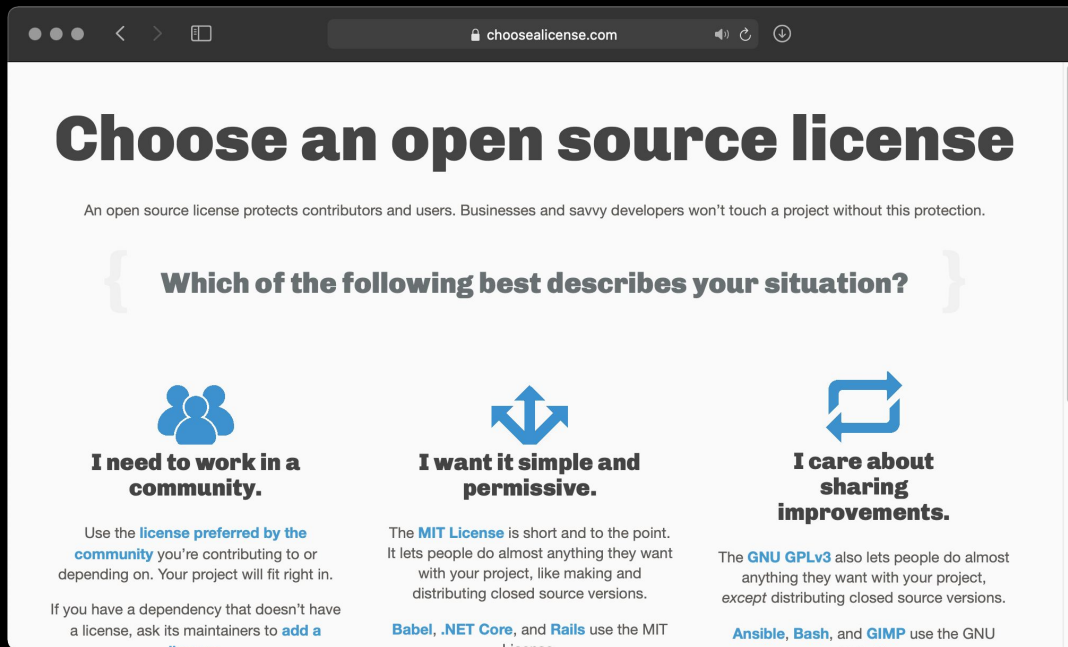
community



Community Files; `opensource.guide`s

docs

open



The screenshot shows a web browser window with the URL choosealicense.com. The page title is "Choose an open source license". Below the title is a sub-header: "Which of the following best describes your situation?". There are three main options, each with an icon and a description:

- I need to work in a community.** (Icon: three people) Use the [license preferred by the community](#) you're contributing to or depending on. Your project will fit right in. If you have a dependency that doesn't have a license, ask its maintainers to [add a license](#).
- I want it simple and permissive.** (Icon: two arrows pointing in opposite directions) The [MIT License](#) is short and to the point. It lets people do almost anything they want with your project, like making and distributing closed source versions. [Babel](#), [.NET Core](#), and [Rails](#) use the MIT License.
- I care about sharing improvements.** (Icon: two arrows forming a square) The [GNU GPLv3](#) also lets people do almost anything they want with your project, except distributing closed source versions. [Ansible](#), [Bash](#), and [GIMP](#) use the GNU License.

choosealicense.com

docs

open-source

Open source is a source code that is made freely available for possible modification and redistributions. Products include permission to use the source code.

[wikipedia.org](https://en.wikipedia.org)



docs

gratis


The English adjective free is commonly used one of two meanings; “for free” (gratis) and “with little or no restriction” (libre).

Think free as in free speech, not free beer.




[wikipedia.org](https://en.wikipedia.org/wiki/Free_as_in_free_speech)

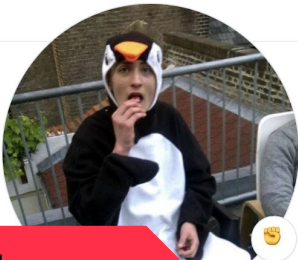


Support the
maintainers



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)



WOOORM
Making it easier for developers to develop · core team @unifiedjs · full-time OSS · syntax trees, markdown, markup, natural language

Unfollow

1.6k followers · 430 following · 1.2k

Overview


Repositories 169


Projects


Packages


Sponsoring 6


Pinned


 [micromark/micromark](#)
the smallest commonmark compliant markdown parser that exists; new basis for @unifiedjs (hundreds of projects w/ billions of downloads for dealing w/ content)
JavaScript 757 22

 [unifiedjs/unified](#)
interface for parsing, inspecting, transforming, and serializing content through syntax trees
JavaScript 2.4k 70

 [retextjs/retext](#)
natural language processor powered by plugins part of the @unifiedjs collective
JavaScript 2k 102

 [micromark/common-markup-state-machine](#)
CMSM: Common markup state machine
JavaScript 29

 [remarkjs/remark](#)
Markdown processor powered by plugins part of the @unifiedjs collective
JavaScript 3.7k 240

 [rehypejs/rehype](#)
HTML processor powered by plugins part of the @unifiedjs collective
JavaScript 604 37



Git

GitHub, Inc. github.com/nodejs/node

This repository Search Pull requests Issues Marketplace Explore

nodejs / node Watch 2,406 Unstar 39,275 Fork 7,939

Code Issues 584 Pull requests 202

Node.js JavaScript runtime 🌟🐉🚀 <https://nodejs.org>

18,833 commits 128 branches 443 releases 1,519 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

assert: use Same-value equality in deepStrictEqual ... Latest commit b0d3bec 28 days ago

doc: fix commit guideline url	4 months ago
benchmark: provide default methods for assert	11 hours ago
deps: cherry-pick 9b21865822243 from V8 upstream	14 hours ago
assert: use Same-value equality in deepStrictEqual	7 hours ago
assert: use Same-value equality in deepStrictEqual	7 hours ago
module: coverity fixes for ESM C++	11 hours ago
assert: use Same-value equality in deepStrictEqual	7 hours ago
test: fix single test runner regression	4 days ago
tools: disallow trailing whitespace for markdown	10 months ago
test: remove disabled tests directory	2 months ago
module: Allow runMain to be ESM	9 days ago
src: limit .gitattributes eol to vcbuild.bat	3 years ago

deps doc lib src test tools .editorconfig .eslintignore .eslintrc.yaml .gitattributes

Use the **web interface**
for version control

Use a **GUI** for
version control

Current Repository
desktop

Current Branch
esc-pr #3972 ✓

Fetch origin
Last fetched 3 minutes ago

Changes

History

Appease linter
iAmWillShepherd committed a day ago

Add event handler to dropdown com...
iAmWillShepherd and Markus Olsson...

Move escape behavior to correct co...
iAmWillShepherd and Markus Olsson...

Remove event handler from the bran...
iAmWillShepherd and Markus Olsson...

...to esc-pr
... committed a day ago

...4044 from des...
Neha Batra committed a day ago

Merge pull request #4070 from desk..
Brendan Forster committed 2 days ago

bump to beta3
Brendan Forster committed 2 days ago

Merge pull request #4057 from desk..
Brendan Forster committed 2 days ago

Merge pull request #4067 from desk..
Brendan Forster committed 2 days ago

Release to 1.1.0-beta2
Neha Batra committed 2 days ago

Add event handler to dropdown component

iAmWillShepherd and Markus Olsson committed c79e71c 1 changed file

Co-Authored-By: Markus Olsson <niiik@users.noreply.github.com>

app/src/ui/t.../dropdown.tsx

		@@ -145,6 +145,10 @@ export class ToolbarDropdown extends React.Component<
		this.state = { clientRect: null }
		}
145	145	
146	146	
147	147	
	148	+ private get isOpen() {
	149	+ return this.props.dropdownState === 'open'
	150	+ }
	151	+
148	152	private dropdownIcon(state: DropdownState): OcticonSym
		bol {
		// @TODO: Remake triangle octicon in a 12px version,
149	153	// right now it's scaled badly on normal dpi monitor
150	154	s.
		@@ -249,6 +253,13 @@ export class ToolbarDropdown extends
		React.Component<
		}
249	253	}
250	254	}
251	255	
	256	+ private onFoldoutKeyDown = (event:
		React.KeyboardEvent<HTMLInputElement>) => {
	257	+ if (!event.defaultPrevented && this.isOpen &&
		event.key === 'Escape') {
	258	+ event.preventDefault()
	259	+ this.props.onDropdownStateChanged('closed', 'keybo
		ard')

bash

```
[examples] $ git init
```

```
Initialized empty Git repository in  
/Users/tilde/projects/oss/examples/.git/
```

```
[examples] $ echo "Hello World!" > readme.md
```

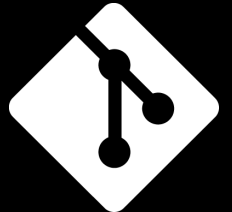
```
[examples] $ git add --all
```

```
[examples] $ git commit --message "Add readme"
```

Use the **CLI** for
version control

```
commit (root-commit) 0ee1887] Add readme  
1 file changed, 1 insertion(+)  
create mode 100644 readme.md
```

```
[examples] $
```



git

cli

Benefits of using the CLI;

- ❖ **Faster**; and developers like speed
- ❖ **Integration**; often integrated into the editor
- ❖ **Possibilities**; commands and options

Last login: Fri Jan 22 09:29:05 on co

~

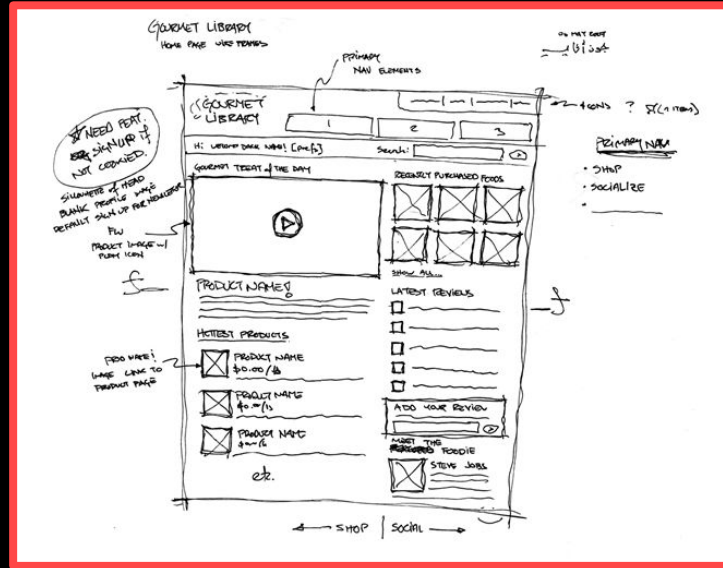
→ echo "danny is gek"
danny is gek

~

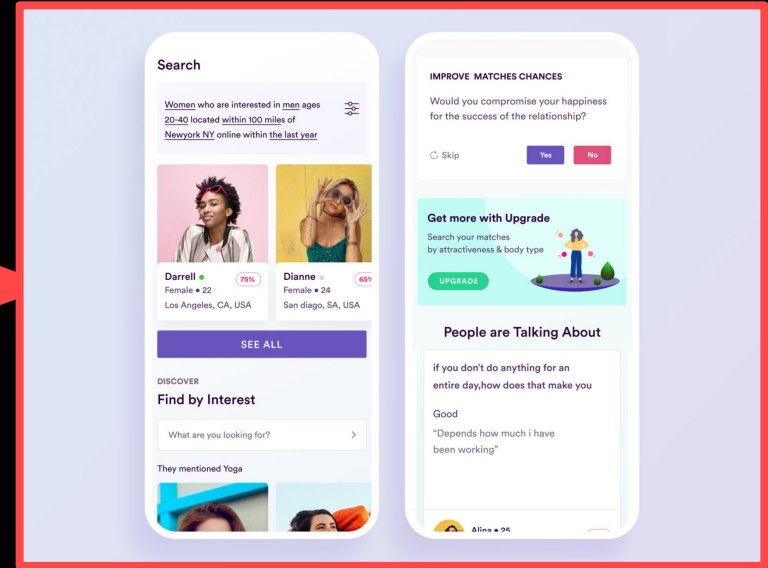
→

live demo **Git Terminal**

Building



wireframe



prototype

feature

static

1. Turn your wireframe into static HTML pages

Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

Note: Use the templating engine from back-end. So no 'plain' old HTML. Otherwise you'll have to re-write everything later.

feature

design

2. Ass presentational styles

Use CSS to set-up some basic styles. Think about colors, fonts, lay-out etc.

feature

states

3. Add states and interactivity

Make it feel like an actual webpage. Add states to interactive elements like forms, buttons etc. Maybe some animation?

building



Start building out the interface (html & css) of your matching-app feature.

Synopsis

- **Time:** 6:00h
- **Due:** before week 3

Assignment

Based on the concept, job story, requirement list and wireframe from the previous week start building out the front-end of the feature you are going to make for the matching-application. You can build the interface with the **templating engine** as you learned in back-end as opposed to 'plain' HTML & CSS.

- Turn your wireframe **into HTML pages**. Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

work on **docs, git & building**



exit;

see you in lab-3!